

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
 Data File : BM013080.D
 Acq On : 22 Nov 2017 11:59
 Operator : SJ/JU
 Sample : I6526-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 23 04:29:04 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 23 04:27:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	214302	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	944833	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	590020	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1291521	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	1071855	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	895415	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	27622	5.97	ng/uL	0.00
5) Phenol-d5	6.89	99	164864	8.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	368758	35.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	442464	29.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	302017	19.86	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	268809	39.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	297097	46.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	548414	33.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	27822	1.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	1788139	34.55	ng/ul	0.00
46) Acenaphthylene-d8	14.05	160	2211774	33.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	62407	7.95	ng/ul	0.00
57) Fluorene-d10	15.35	176	1533407	34.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	255616	45.65	ng/ul	0.00
70) Anthracene-d10	17.20	188	2353400	35.59	ng/ul	0.00
76) Pyrene-d10	19.49	212	2300202	42.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	1653248	36.41	ng/ul	0.00

Target Compounds

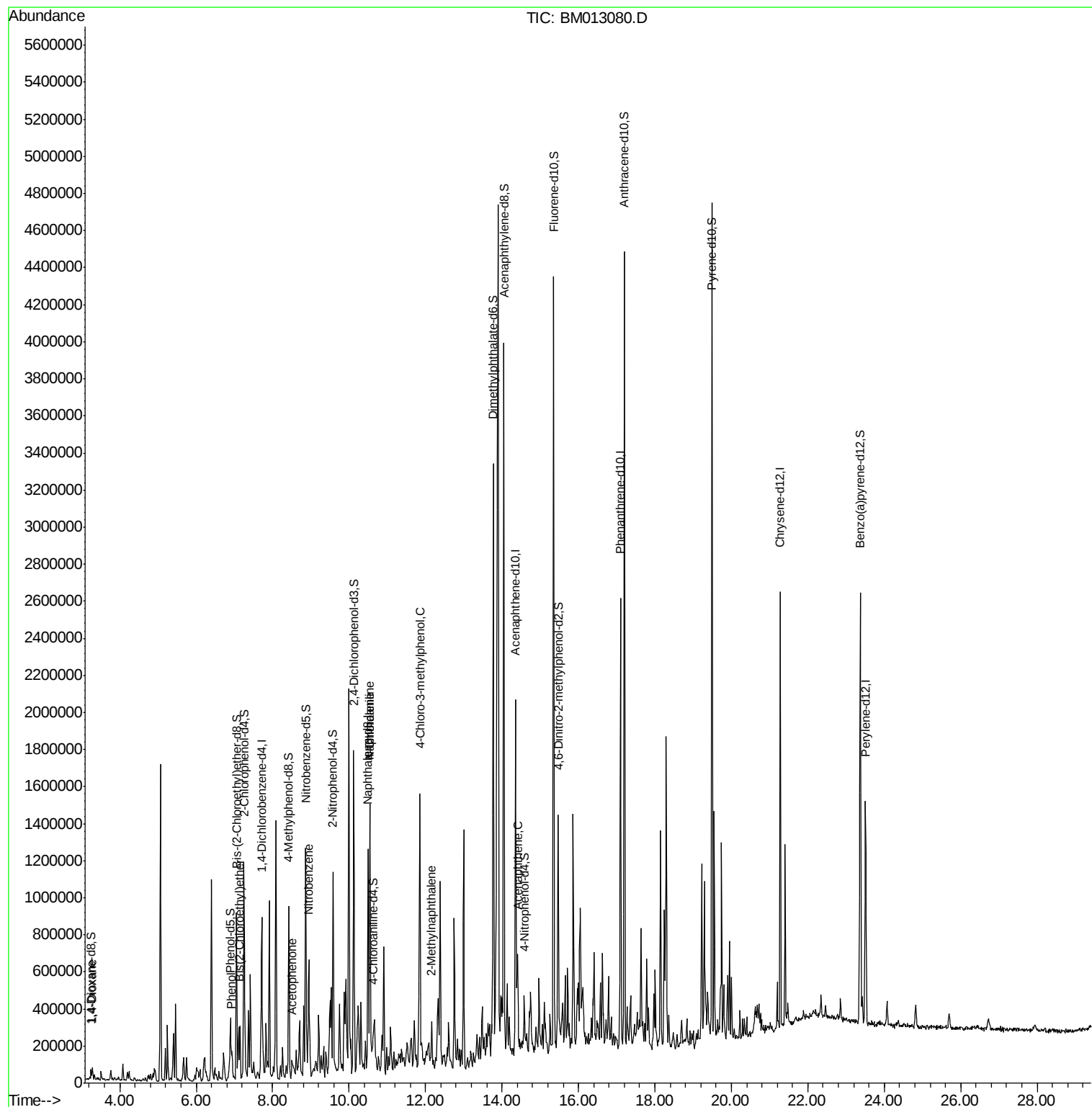
						Ovalue
2) 1,4-Dioxane	3.28	88	27996	5.51	ng/uL#	71
6) Phenol	6.92	94	48651	2.66	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.15	93	90878	6.59	ng/ul	97
14) Acetophenone	8.51	105	24711	1.06	ng/ul#	33
20) Nitrobenzene	8.94	77	17789	1.06	ng/ul#	39
28) Naphthalene	10.55	128	1062976	21.83	ng/ul	99
30) 4-Chloroaniline	10.55	127	140499	8.62	ng/ul#	11
33) 4-Chloro-3-methylphenol	11.85	107	330073	20.51	ng/ul#	21
34) 2-Methylnaphthalene	12.16	142	72418	2.03	ng/ul	92
49) Acenaphthene	14.42	153	158561	3.88	ng/ul	96

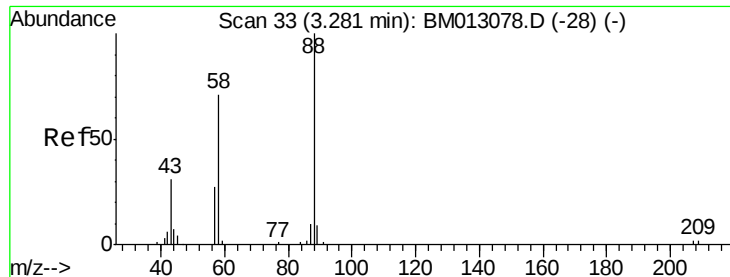
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 5.51 ng/uL

RT: 3.28 min Scan# 33

Delta R.T. -0.00 min

Lab File: BM013080.D

Acq: 22 Nov 2017 11:59

Instrument :

BNA_M

ClientSampleId :

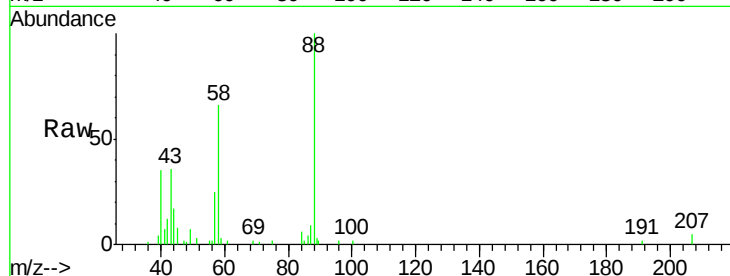
Tot Ion: 88 Resp: 27996

Ion Ratio Lower Upper

88 100

43 39.4 48.0 72.0#

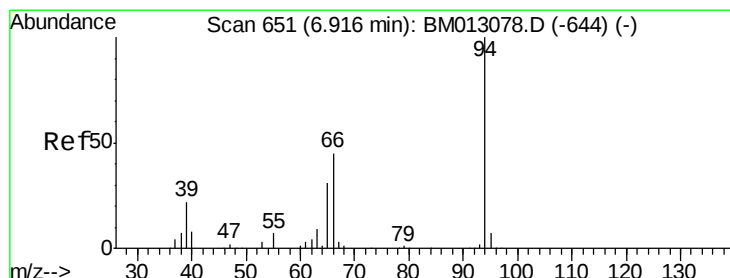
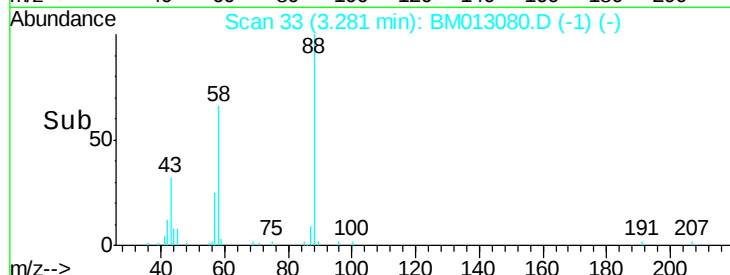
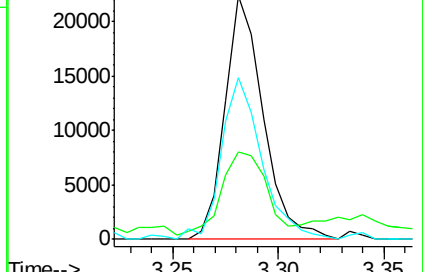
58 69.9 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM013080.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM013080.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM013080.D (-1) (-)



#6

Phenol

Concen: 2.66 ng/uL

RT: 6.92 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM013080.D

Acq: 22 Nov 2017 11:59

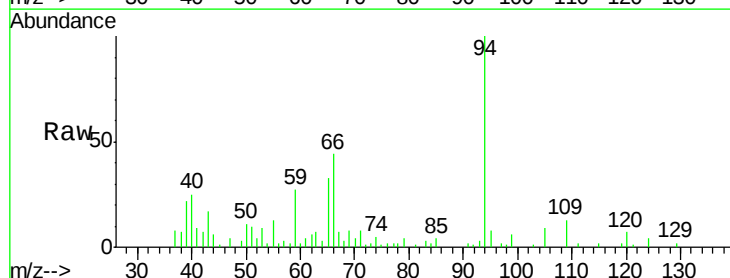
Tgt Ion: 94 Resp: 48651

Ion Ratio Lower Upper

94 100

65 33.3 28.2 42.4

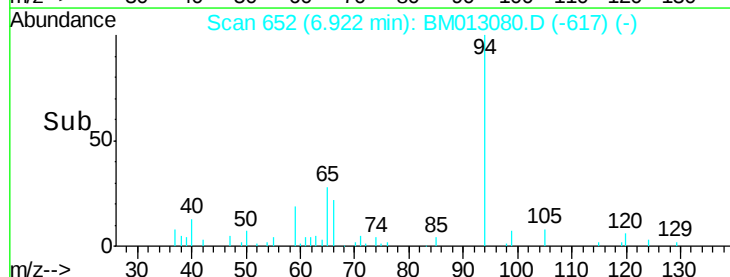
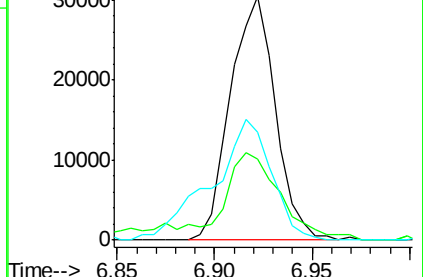
66 44.5 47.2 70.8#

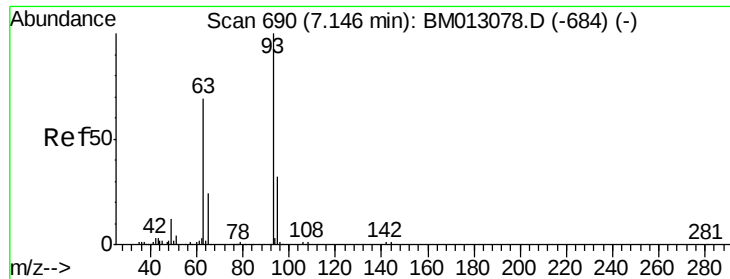


Abundance Ion 94.00 (93.70 to 94.70): BM013080.D (-617) (-)

Ion 65.00 (64.70 to 65.70): BM013080.D (-617) (-)

Ion 66.00 (65.70 to 66.70): BM013080.D (-617) (-)





#8

Bis(2-Chloroethyl)ether

Concen: 6.59 ng/ul

RT: 7.15 min Scan# 690

Delta R.T. -0.00 min

Lab File: BM013080.D

Acq: 22 Nov 2017 11:59

Instrument :

BNA_M

ClientSampleId :

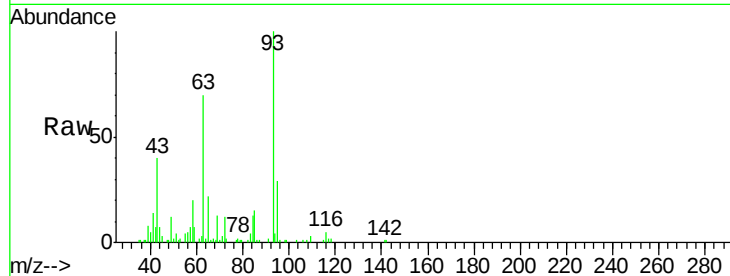
Tot Ion: 93 Resp: 90878

Ion Ratio Lower Upper

93 100

63 70.3 57.3 85.9

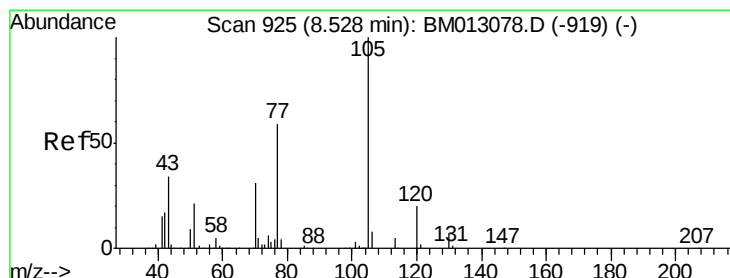
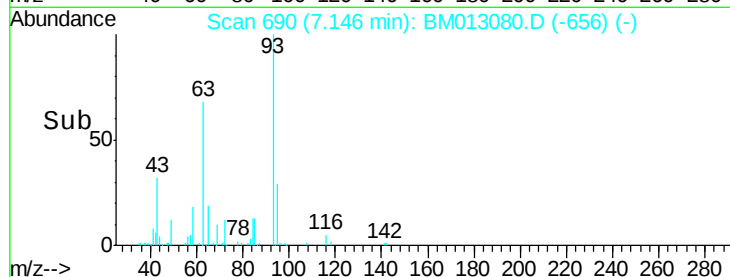
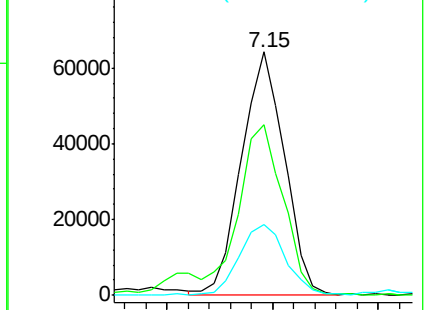
95 29.2 26.6 39.8



Abundance Ion 93.00 (92.70 to 93.70): BM013078.D (-684) (-)

Ion 63.00 (62.70 to 63.70): BM013078.D (-684) (-)

Ion 95.00 (94.70 to 95.70): BM013078.D (-684) (-)



#14

Acetophenone

Concen: 1.06 ng/ul

RT: 8.51 min Scan# 922

Delta R.T. -0.02 min

Lab File: BM013080.D

Acq: 22 Nov 2017 11:59

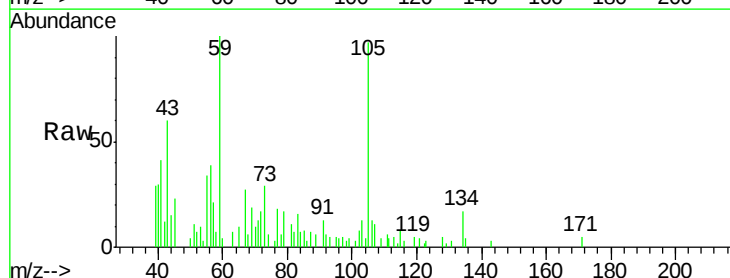
Tgt Ion: 105 Resp: 24711

Ion Ratio Lower Upper

105 100

77 18.2 74.2 111.4#

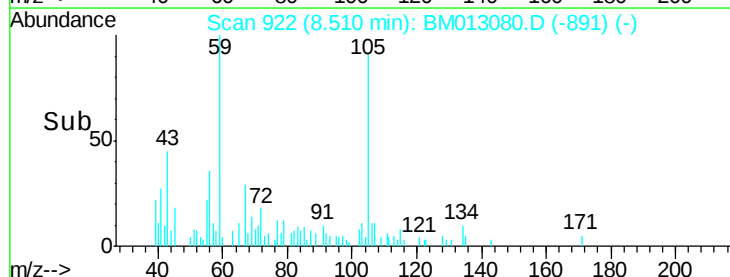
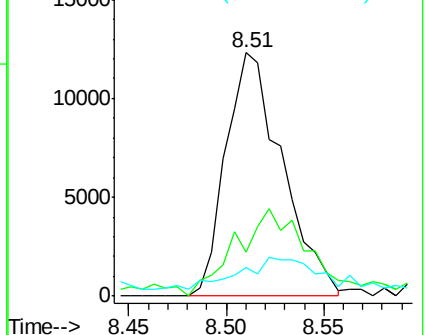
51 11.8 23.4 35.2#

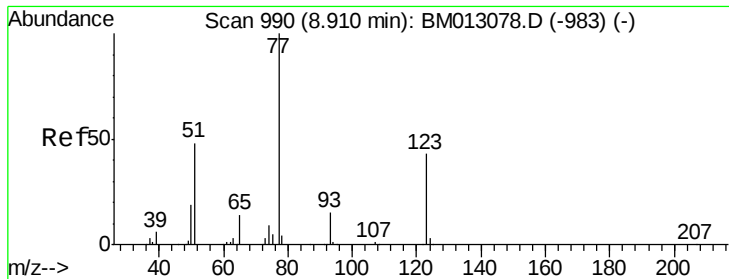


Abundance Ion 105.00 (104.70 to 105.70): BM013078.D (-919) (-)

Ion 77.00 (76.70 to 77.70): BM013078.D (-919) (-)

Ion 51.00 (50.70 to 51.70): BM013078.D (-919) (-)

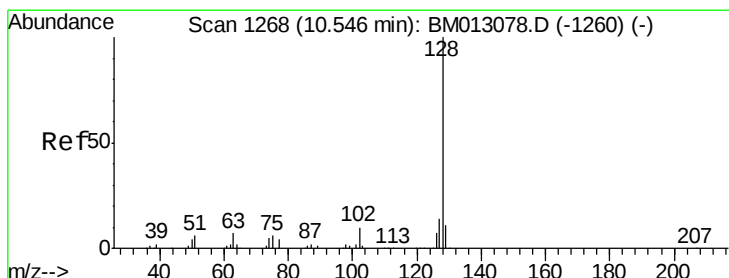
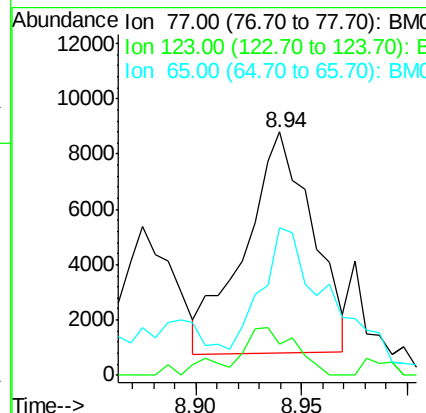
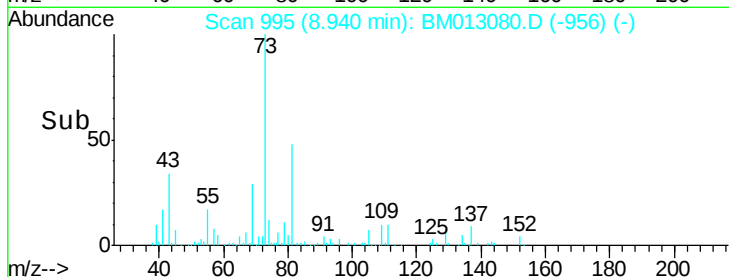
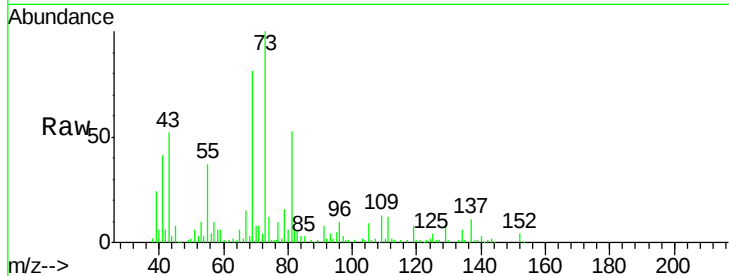




#20
 Nitrobenzene
 Concen: 1.06 ng/ul
 RT: 8.94 min Scan# 995
 Delta R.T. 0.03 min
 Lab File: BM013080.D
 Acq: 22 Nov 2017 11:59

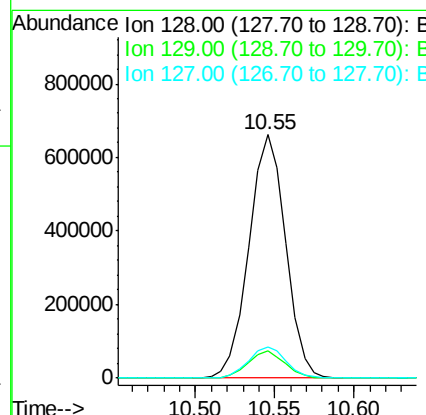
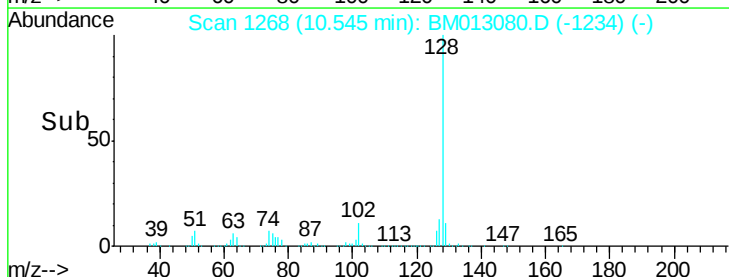
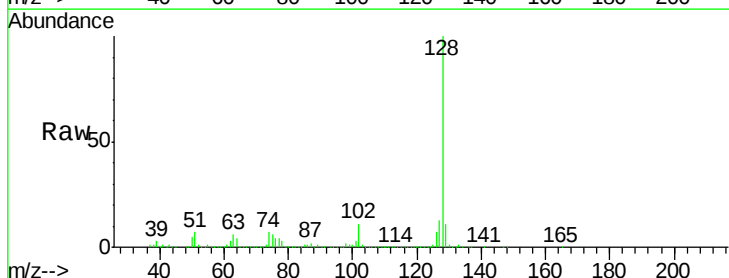
Instrument :
 BNA_M
 ClientSampled :

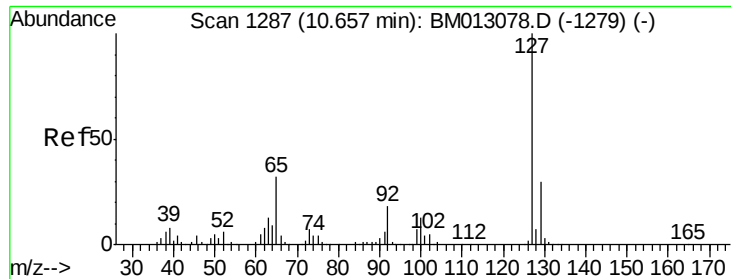
Tot Ion	Ratio	Lower	Upper
77	100		
123	13.0	31.0	46.6#
65	60.5	12.2	18.2#



#28
 Naphthalene
 Concen: 21.83 ng/ul
 RT: 10.55 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BM013080.D
 Acq: 22 Nov 2017 11:59

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.6	10.6	16.0

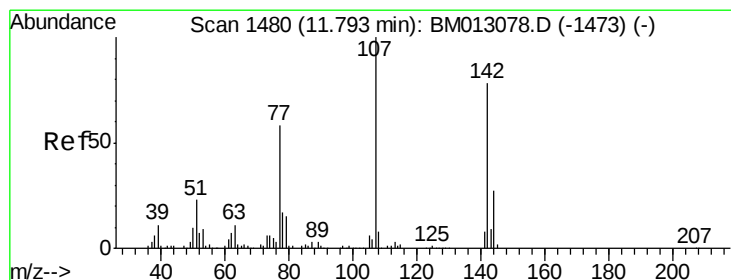
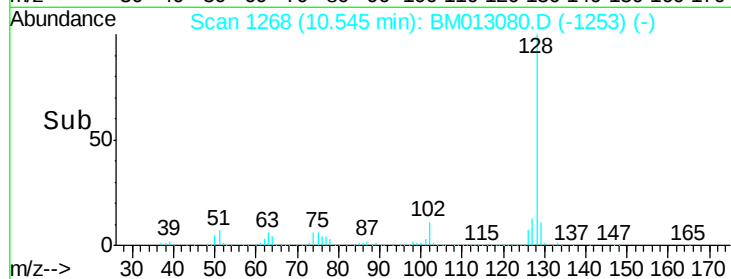
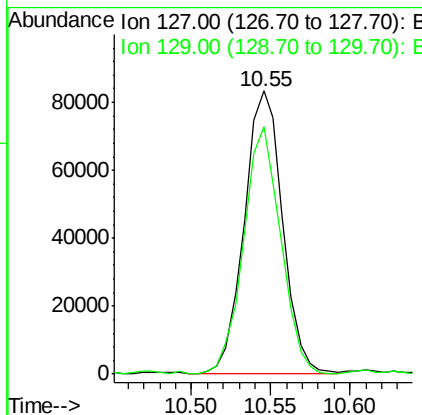
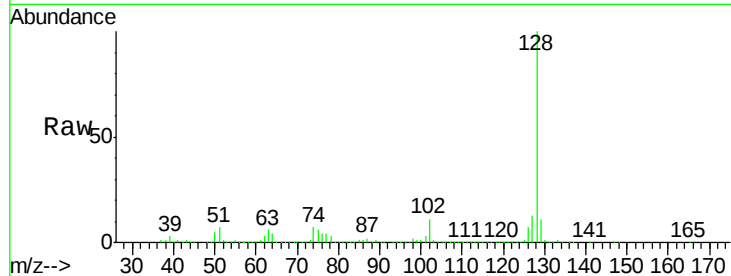




#30
4-Chloroaniline
Concen: 8.62 ng/ul
RT: 10.55 min Scan# 1268
Delta R.T. -0.11 min
Lab File: BM013080.D
Acq: 22 Nov 2017 11:59

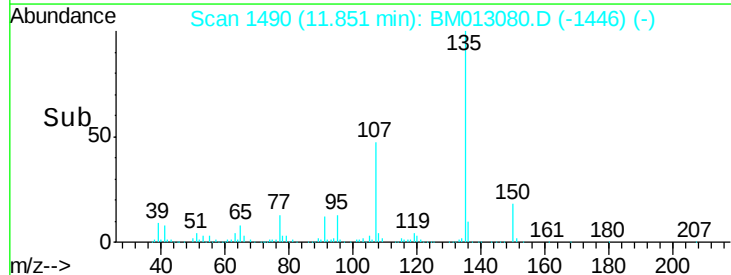
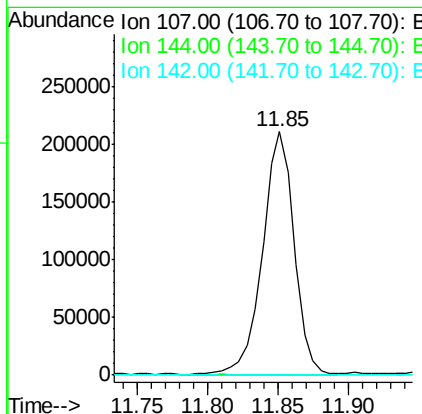
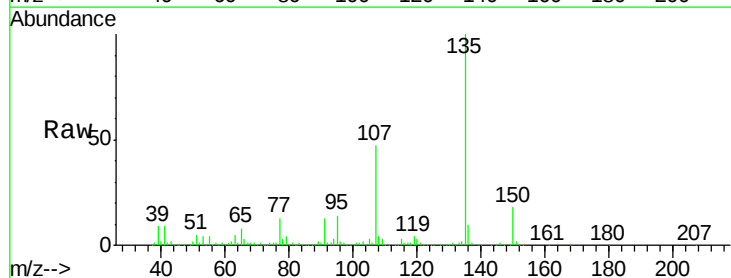
Instrument :
BNA_M
ClientSampleId :

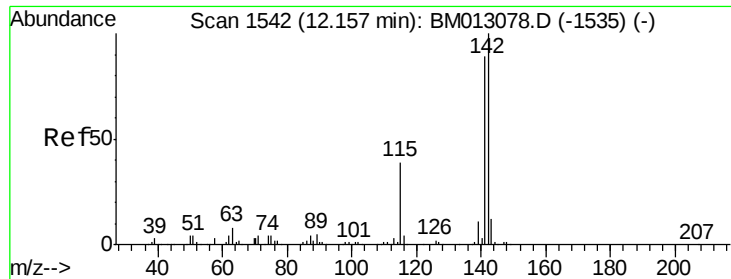
Tot Ion:127 Resp: 140499
Ion Ratio Lower Upper
127 100
129 87.5 28.4 42.6#



#33
4-Chloro-3-methylphenol
Concen: 20.51 ng/ul
RT: 11.85 min Scan# 1490
Delta R.T. 0.06 min
Lab File: BM013080.D
Acq: 22 Nov 2017 11:59

Tgt Ion:107 Resp: 330073
Ion Ratio Lower Upper
107 100
144 0.0 20.4 30.6#
142 0.0 60.5 90.7#

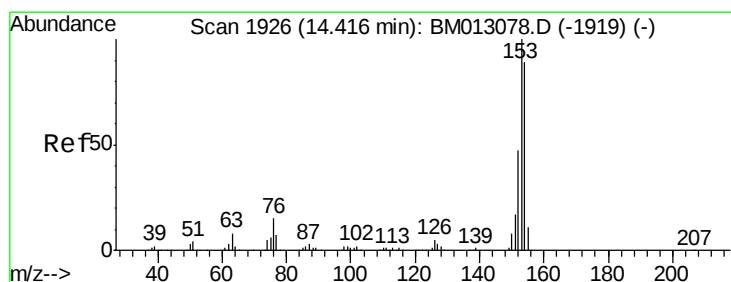
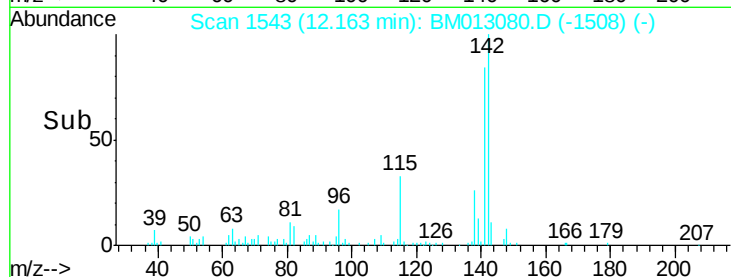
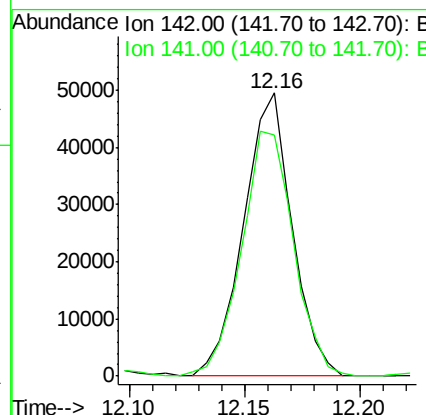
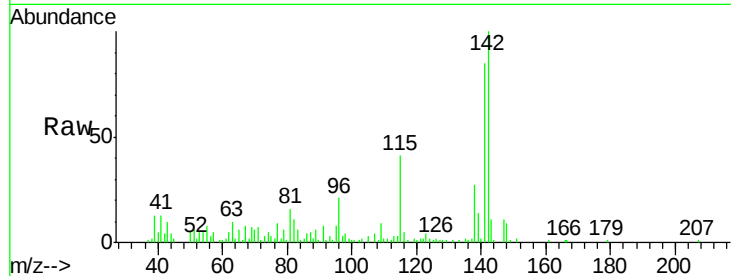




#34
2-Methylnaphthalene
Concen: 2.03 ng/ul
RT: 12.16 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BM013080.D
Acq: 22 Nov 2017 11:59

Instrument :
BNA_M
ClientSampleId :

Tot Ion:142 Resp: 72418
Ion Ratio Lower Upper
142 100
141 85.1 74.1 111.1



#49
Acenaphthene
Concen: 3.88 ng/ul
RT: 14.42 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BM013080.D
Acq: 22 Nov 2017 11:59

Tgt Ion:153 Resp: 158561
Ion Ratio Lower Upper
153 100
152 44.6 37.6 56.4
154 92.0 70.4 105.6

